

LOW SURFACE ENERGY TEMPLATES

ABSTRACT OF THE DISCLOSURE

[0034] The present invention pertains to disposing a diamond-like composition on a template, wherein the diamond-like composition acts as a release layer. The diamond-like composition is substantially transparent to actinic radiation, e.g., ultraviolet (UV) light, and will also have a desired surface energy, wherein the desired surface energy minimizes adhesion between the template and an underlying material disposed on a substrate. The diamond-like composition is characterized with a low surface energy that exhibits desirable release characteristics.